IN THE CLAIMS

Please amend the claims as follows:

1-15. (Canceled)

16. (Currently Amended) A method for dissolving an incoming scene of video information which comprises a sequence of fields or frame of compressed video information and an outgoing scene of video information which comprises a sequence of fields or frame of compressed video information using a computer-based authoring and editing module, comprising the steps of:

a. applying DCT domain motion inverse compensation to obtain DCT coefficients for all blocks of video information which make up a last frame of said outgoing video scene;

b. applying DCT domain inverse motion compensation to obtain the DCT coefficients for all blocks of video information which make up the first frame of said incoming video scene; and

c. creating a first frame in a dissolve region from said DCT coefficients of said last outgoing frame and said first incoming frame, said ~~created frame~~ dissolve region being made playable as a transition between said outgoing and incoming scenes during playback of a video containing said outgoing and incoming scenes of video information.

17. (Original) The method of claim 16, further comprising the step of choosing an initial value for a weighing function prior to step (c).

18. (Original) The method of claim 17, further comprising the steps of

d. incrementing said weighting function value; and

e. creating a second frame in said dissolve region from said DCT coefficients of said last outgoing frame and said first incoming frame using said incremented weighing function value.

19-27. (Withdrawn)